

REMARKS

Applicant concurrently files herewith a Petition for Extension of Time, and corresponding extension of time fee, for a three-month extension of time.

Claims 1-30, are all of the claims presently pending in the application. Claims 1 and 30 have been merely editorially amended to more clearly define the claimed invention. Claim 31 has been canceled without prejudice or disclaimer.

It is noted that the claim amendments are made only for more particularly pointing out the invention, and not for distinguishing the invention over the prior art, narrowing the claims or for any statutory requirements of patentability. Further, Applicant specifically states that no amendment to any claim herein should be construed as a disclaimer of any interest in or right to an equivalent of any element or feature of the amended claim.

Claims 1-31 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite.

This rejection is respectfully traversed in the following discussion.

I. THE CLAIMED INVENTION

The claimed invention of exemplary claim 1, provides an organic semiconductor device where the first electrode and the second electrode are each made of materials having different work functions with respect to each other (e.g., see Application at page 2, line 26 through page 3, line 3). This allows the organic semiconductor device of the claimed invention to decrease the electron injection barrier between the drain electrode and the organic semiconductor layer, and the electron injection barrier between the source electrode and the organic semiconductor layer (see Application at page 5, lines 6-17).

II. THE INDEFINITENESS REJECTION

Claims 1-30 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Specifically, the Examiner alleges that the phrase “the first electrode and the second electrode comprise materials having different work functions with respect to each other” is not clear.

Applicant respectfully submits that claim 1 (and similarly claim 30) has been amended to replace the phrase “the first electrode and the second electrode comprise materials having different work functions with respect to each other”, with the phrase “*wherein the first*

electrode comprises a first material and the second electrode comprises a second material having a different work function with respect to said first material".

Applicant submits that amended claims 1 and 30 clearly define the claimed invention. That is, claims 1 and 30 clearly describe a first electrode including a first material and a second electrode including a second material, where the first and second materials have different work functions.

Therefore, the Examiner is respectfully requested to reconsider and withdraw this rejection.

III. FORMAL MATTERS AND CONCLUSION

In view of the foregoing, Applicant submits that claims 1-30, all of the claims presently pending in the application, are patentably distinct over the prior art of record and are in condition for allowance. The Examiner is respectfully requested to pass the above application to issue at the earliest possible time.

Should the Examiner find the application to be other than in condition for allowance, the Examiner is requested to contact the undersigned at the local telephone number listed below to discuss any other changes deemed necessary in a telephonic or personal interview.

The Commissioner is hereby authorized to charge any deficiency in fees or to credit any overpayment in fees to Attorney's Deposit Account No. 50-0481.

Date: June 12, 2006

Respectfully Submitted,



Scott M. Tulino, Esq.
Registration No. 48,317

Sean M. McGinn, Esq.
Registration No. 34,386

**MCGINN INTELLECTUAL PROPERTY
LAW GROUP, PLLC**
8321 Old Courthouse Road, Suite 200
Vienna, VA 22182-3817
(703) 761-4100
Customer No. 21254